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Form	PTO-	1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. MI40-322 SERIAL NO.

LIST OF ART CITED BY APPLICANT

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APPLICANT Mark E. Tuttle et al.

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GROUP Unknown

U.S. PATENT DOCUMENTS

				U.S. PATENT DOCUMENTS				100			
*Examiner Initial		Document Number	Date	Name	Class	Subclass		Date ropriate			
9F	AA	5,497,140	3/5/96	John R. Tuttle	342	51	12/17/93				
2	AB	5,494,495	2/27/96	Mark E. Tuttle	29	623.2	10/11/94				
ak	AC	5,486,431	1/23/96	John R. Tuttle et al	429	66	3/2/94				
	AD	5,480,462	1/2/96	Mark E. Tuttle	29	623.5	7/6/94				
	AE	5,448,110	9/5/95	John R. Tuttle et al.	257	723	9/14/93				
AF.	AF	5,432,027	7/11/95	Mark E. Tuttle et al.	429	127	3/2/94				
	AG	5,350,645	9/27/94	Rickie Lake et al.	429	124	6/21/93				
A .	AH	5,326,652	7/5/94	Rickie Lake	429	127	1/25/93				
	AI	5,510,074	4/23/96	René Rose	264	261	261 2/23/94				
	AJ	5,434,397	7/18/95	Eric Diehl et al.	235	380	7/26/93				
46	AK	5,416,423	6,423 S/16/95 Duncan O. De Borde . 324 677								
2	·			FOREIGN PATENT DOCUMENTS	•						
		Document Number	Date	Country	Class	· Subclass		slation			
SE	AL	4120265	1/92	Germany			Yes	No			
S	AM	1567784	5/80	United Kingdom							
	AN	4-75191	03/92	Japan							
8	AO										
	AP			·							
		o	THER REFERE	NCES (including Author, Title, Date, Pertinent Pages, Etc.)						
	AR	K. Casson et al.,	"High Temperat	ure Packaging: Flip Chip on Flexible Laminate", Jan. 199	2, Surface Mo	ount Technolog	у,				
K		рр. 19-20.					,				
	AS	R.W. Johnson, "Po	R.W. Johnson, "Polymer Thick Films: Technology and Materials", July 1982, Circuits Manufacturing (reprint).								
4	AT	K. Gilleo, "Using a	SM Devices On	Flexible Circuitry", March 1986, Electri-onics, pp. 20-23.							
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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				U.S. PATENT DOCUMENTS						
Examiner Initial		Document Number	Date	Name		Class	Subc	class	Filing If Appr	Date opriate
16	AA	5,068,894	11/26/91	Joseph Hoppe		380	23		8/22/90	
AC.	AB	4,908,502	3/13/90	Winslow E. Jackson		235	437		2/8/88	
A.	AC	4,649,233	3/10/87	Walter E. Bass et al.		380	21		4/11/85	
A .	AD	4,453,074	6/5/84	Stephen B. Weinstein		235	380		10/19/81	
A .	AE	4,226,361	10/7/80	Leonard H. Taylor		235	380		10/27/78	
*	AF	4,746,830	5/88	Holland	***************************************	310	313	D		
\$	AG	4,484,355	11/84	Henke et al.		455	76			
\(\)	AH	4,680,724	7/87	Sugiyama et al.		364	708			
J.	Ai	4,882,294	11/89	Christenson		437	90			
(de	AJ	5,008,776	4/91	Queyssac		361	392			
W.	AK	3,706,094	12/72	Cole et al.		342	44			
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_	AR	M.G. Kanarzibis "C	onductive Polyn	ners", Dec. 3, 1990, Chemical and El	ngineering News - Ame	rican Chemi	cal Soci	iety, pp.	36-54.	
1F										
0	AS	The New IEEE Sta.	ndard Dictionar	ry of Electrical and Electronics Terms	; 5 th Ed., 1993, pg. 66	52.				
46										
0	AT	Merriam-Webster Co	ollegiate Diction	nary, 1993, p. 563.						
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Examiner Initial		Document Number	Date	Name		Class	Subclass	Filing If App	Date ropriate
16	AA	3,750,167	7/73	Gehman et al.		342	44		-
2	AB	3,780,368	12/73	Northeved et al.		342	44		
AC.	AC	3,832,530	8/74	Reitboeck et al.		342	44	<u> </u>	
	AD	3,849,633	11/74	Reitboeck et al.		235	487		
	ΑE	4,049,969	9/77	Salonimer et al.		356	5		
*	AF	4,331,957	5/82	Enander et al.		342	. 22		
X	AG	4,399,441	8/83	Vaughn et al.		342	50		
X	AH	4,418,411	11/83	Strietzel		340	870.16		
₹	AI	4,724,427	2/88	Carroll		340	572		
A T	AJ	4,727,560	2/88	Van Zanten et al.		377	60 .		
AF.	AK	4,746,618	5/88	Nath et al.		437	2		
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AB 4,777,563 10(88 Teruoku et al. 36) 395 AC 4,783,646 11/18 Maisuzoki 340 572 AD 4,827,110 5/89 Rossi et al. 235 376 AE 4,827,395 5/89 Anders et al. 364 11/8 736 AF 4,84,228 8/89 Pollack 128 736 AG 4,911,117 3/90 Dunn et al. 152 152.1 AH 4,918,631 4/90 Hera et al. 364 708 AI 4,942,327 7/90 Wantanabe et al. 310 313 AI 4,940,383 10/90 Insue 235 449 AK 4,962,415 10/90 Yamanoto et al. 337 74 FOREIGN PATENT DOCUMENTS Document Document Date Country Class Subclass Truncitation AN	aminer Initial			Date	Name		Class	Subclass	Filing If App	g Date ropriat
AC 4,783,546	K	AA	4,756,717	7/88	Sturgis et al.		427	290		
AD 4,827,100 5/89 Rossi et al. 235 376 AE 4,827,395 5/89 Anders et al. 364 138 AF 4,854,328 8/89 Pollack 128 736 AG 4,911,217 3/90 Dunn et al. 152 152,1 AH 4,918,631 4/90 Hara et al. 364 708 AI 4,942,227 7/90 Wantanabe et al. 310 313 AI 4,940,583 10/90 Inoue 225 449 AK 4,962,415 10/90 Yantamoto et al. 357 74 FOREIGN PATENT DOCUMENTS Document Number Date Country Class Subclass Translation Yes AM AN	7	AB	4,777,563	10/88	Teraoka et al.		361	395		
AE 4,827,395 5/89 Anders et al. 364 138 AF 4,854,328 8/89 Polluck 128 736 AG 4,911,217 3/90 Dunn et al. 152 152.1 AH 4,918,631 4/90 Hara et al. 364 708 AI 4,942,327 7/90 Wantanabe et al. 310 313 AI 4,960,983 10/90 Inoue 235 449 AK 4,962,415 10/90 Yamamoto et al. 337 74 FOREIGN PATENT DOCUMENTS County Class Subclass Translation Yes AM AM AM AN		AC	4,783,646	11/88	Matsuzaki		340	572		
AF 4.854,328 8/89 Pollack 128 736 AG 4.911,217 3/90 Dunn et al. 152 152.1 AH 4.918,631 4/90 Hara et al. 364 708 AI 4.942,327 7/90 Wantanabe et al. 310 313 AJ 4.960,983 10/90 Inoue 235 449 AK 4.962,415 10/90 Yamamoto et al. 357 74 FOREIGN PATENT DOCUMENTS Document Number Country Class Subclass Translation Yes AL AM AN AN AN AN AO AP OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.) AR AS DATE CONSIDERED DATE CONSIDERED	<u>}</u>	AD	4,827,110	5/89	Rossi et al.		235	376		
AG 4,911,217 3/90 Dunn et al. 152 152,1 AH 4,918,631 4/90 Hara et al. 364 708 AI 4,942,327 7/90 Wantanabe et al. 310 313 AI 4,969,983 10/90 Inoue 235 449 AK 4,962,415 10/90 Yamamoto et al. 357 74 FOREIGN PATENT DOCUMENTS Document Number Date Country Class Subclass Translation Yes AL AM AN	E	AE	4,827,395	5/89	Anders et al.		364	138		
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. M140-322

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LIST OF ART CITED BY APPLICANT

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Æ	AA	5,023,573	6/91	Adam		333	17.2		
4	AB	5,095,240	3/92	Nyson et al.		342	44		
2	AC	5,144,314	9/92	Malmberg et al.		342	44		
2	AD	5,148,504	9/92	Levi et al.		385	14		
*	AE	5,153,710	10/92	McCain ;		357	75		
X.	AF	5,166,502	11/92	Rendleman et al.		235	492		
	AG	5,214,410	5/93	Verster		340	572		
A C	AH	5,274,221	12/93	Matsubara .		235	492		
	AI	5,302,954	4/94	Brooks et al.		342	44		·
A.	AJ	5,313,211	5/94	Tokuda et al.		342	50		
SAF.	AK	5,337,063	8/94	Takahira		343	741		
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To the second	AA	5,414,427	5/95	Gunnarsson		342	51		
	AB	5,649,296	7/15/97	MacLellan et al.		455	38.2		
\$	AC	5,621,412	4/15/97	Sharpe et al.		340	10.33		
	AD	4,926,182	5/15/90	Ohia ei al.		342	044		
1	AE	4,075,632	2/21/78	Baldwin et al.		342	051		
	AF	5,572,226	11/05/96	Tuttle (cited in parent as 08/422,0	007)	343	726		
10	AG	5,624,468	04/29/97	Lake (cited in parent as 08/071,4	53)	029	623.5		
2	AH	5,558,679	09/24/96	Tuttle		029	623.1		
	ΑI	5,725,967	03/10/98	Tuttle (cited in parent as 08/515,	(28)	429	185		
W-	AJ	5,605,547	02/25/97	Lake (cited in parent as 08/410,8	89)	 	25.01		
	AK	5,612,513	03/18/97	Tuttle et al. (cited in parent as 0	3/530,747)	174	260		
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				U.S. PATENT DOCUMENTS								
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	AA	5,652,070	07/29/97	Blonsky et al. (cited in parent as	08/588,559)	429	162					
	AB	5,603,157	02/18/97	Lake et al. (cited in parent as 08,	/205,590)	029	623.4	3.4				
	AC	5,820,716	10/13/98	Tuttle (cited in parent as 08/147,4	195)	156	085	,				
	AD	5,937,512	08/17/99	Lake et al. (cited in parent as 08,	/585,428)	029	832					
	AE	5,497,140	03/05/96	Tuttle (cited in parent as 08/610,2	236)	340	10.1					
	AF	5,719,586	02/17/98	Tuttle (cited in parent as 08/584,7	(88)	343	72b					
	AG	5,619,066	04/08/97	Curry et al.		257	679					
	AH	5,340,968	08/23/94	Watannabe et al.		235	380					
	AI	5,200,362	04/06/93	Lin et al.		029	841					
	AJ	4,956,645	09/11/90	Guena et al.		342	361	0				
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SF										
	AS	U.S. Patent Applicat	ion Serial No.	08/489,185, Filed June 9, 1995 - no	w abandoned.					
4										
	AT	U.S. Patent Applicat	ion Serial No.	08/602,686, Filed February 16, 1996	- now abandoned.					
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